

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A multilayer film, comprising ~~at least one~~ an upper layer a), and one middle layer b), and a backing layer c), ~~and, between the middle layer b) and the backing layer c), a semicompatible polymer mixture d)~~

wherein the multilayer film is produced by a process selected from the group consisting of lacquering, lamination and coextrusion,

wherein

- a) the ~~at least one~~ upper layer ~~comprises~~ consists of a first light stabilizer and a first (meth)acrylate copolymer, and optionally contains at least one substance selected from the group consisting of a first light stabilizer, a first thermal oxidation stabilizer, a first process stabilizer, and combinations thereof;
- b) the middle layer ~~comprises~~ consists of a dye, ~~optionally a light stabilizer,~~ and a second (meth)acrylate copolymer that is identical to or different from the (meth)acrylate copolymer in a), and optionally contains at least one material selected from the group consisting of a second thermal oxidation stabilizer, a second process stabilizer, and a second light stabilizer, and combinations thereof; and
- c) the backing layer ~~comprises~~ consists of 70-100% of polycarbonate and 0% to 30% of at least one ingredient selected from the group consisting of the first (meth)acrylate copolymer, the second (meth)acrylate copolymer, the first light stabilizer, the second light stabilizer, the dye, the first thermal oxidation stabilizer, the second thermal oxidation stabilizer, the first process stabilizer, the second process stabilizer, and combinations thereof ;

wherein the first (meth)acrylate copolymer may be the same or different from the second (meth)acrylate copolymer,

wherein the first (meth)acrylate copolymer and the second (meth)acrylate copolymer, independently of each other, consist of the following units:

i) from 95 to 5% by weight of methyl methacrylate units and, optionally from 0 to 40% by weight of other vinylic monomer units and

b) from 5 to 95% by weight of esters of (meth)acrylic acid, wherein the radicals in the ester groups are selected from the group consisting of:

a cycloalkyl radical having from 5 to 12 carbon atoms, [[or]] a multiple-alkyl-substituted cycloalkyl radical having from 5 to 12 carbon atoms, and combinations thereof,  
~~where~~ wherein the above described radicals mentioned may have bonding to the (meth)acrylic acid carboxyl ~~radical~~ radicals by way of alkylene groups having from 1 to 6 carbon atoms, which may also have branching, or oxyalkylene groups having from 2 to 4 carbon atoms,

~~polycarbonate which can, optionally, comprise up to 30% by weight of the material of the layers a) and b),~~

d) ~~—wherein the semicompatible polymer mixture comprises the (meth)acrylate copolymer from b) and the polycarbonate from c),~~

wherein a test specimen produced from a mixture comprising 20% by weight of the (meth)acrylate copolymer from b) and 80% by weight of polycarbonate from c) has a tensile strain at break of at least 75% (ISO 527-2) at 23°C, and

wherein a test specimen produced from a mixture comprising 20% by weight of the (meth)acrylate copolymer from a) and 80% by weight of polycarbonate from c) has a tensile strain at break of at least 75% (ISO 527-2) at 23°C, and

wherein the upper layer a) is the uppermost layer of the multilayer film.

Claim 2 (Cancelled).

Claim 3 (Currently Amended): The multilayer film according to Claim 2 ~~Claim 2~~, wherein the first and the second (meth)acrylate copolymers in a) and b) ~~comprise~~ consist of from 60 to 95% by weight of methyl methacrylate and from 40 to 5% by weight of cyclohexyl methacrylate.

Claim 4 (Currently Amended): The multilayer film according to Claim 1, wherein the solution viscosity of the first and the second (meth)acrylate copolymers from a) and b), in chloroform at 25°C (ISO 1628 – Part 6) is in the range from 50 to 80 ml/g.

Claim 5 (Currently Amended): The multilayer film according to Claim 1, wherein the Vicat softening point VSP (ISO 306-B50) of the first and the second (meth)acrylate copolymers from a) and b) is at least 105°C.

Claim 6 (Currently Amended): The multilayer film according to Claim 1, wherein below the ~~polycarbonate~~ backing layer c) there is also an optional adhesion-promoting layer, and a layer comprising a plastic, which may optionally have been fibre-reinforced.

Claim 7 (Previously Presented): The multilayer film according to Claim 6, wherein the layer comprising the plastic has been applied by back-moulding or back-foaming and the plastic comprises an acrylate-styrene-acrylonitrile graft copolymer (ASA), polybutylene terephthalate or polyurethane.

Claim 8 (Previously Presented): The multilayer film according to Claim 1, wherein the middle layer has opaque coloration.

Claim 9 (Currently Amended): The multilayer film according to Claim 1, wherein the polycarbonate of the backing layer c) has an average molar mass  $M_w$  in the range from 35,000 to 70,000.

Claim 10 (Currently Amended): The multilayer film according to Claim 1, wherein the selection of the first and the second (meth)acrylate copolymers from a) and b) and of the polycarbonate is such that the tensile strain at break (ISO 527-2) at 100°C, calculated as a relative value, for a test specimen produced from a mixture comprising of 20% by weight of (meth)acrylate copolymers from a) and b) and 80% by weight of polycarbonate is at least 90% of the value for the polycarbonate present.

Claim 11 (Previously Presented): The multilayer film according to Claim 10, wherein the absolute value of the tensile strain at break (ISO 527-2) at 100°C is 120% or greater.

Claim 12 (Currently Amended): The multilayer film according to Claim 10, wherein a test specimen produced from a mixture comprising 20% by weight of the first and the second (meth)acrylate copolymers from a) and b) and 80% by weight of polycarbonate comprises at least four of the following five properties:

- I. a Vicat softening point VSP (ISO 306-B50) of at least 130°C
- II. a modulus of elasticity (ISO 527-2) at 23°C of at least 2000 MPa
- III. a modulus of elasticity (ISO 527-2) at 100°C of at least 1800 MPa

- IV. a tensile strain at break (ISO 527-2) at 23°C which is at least 70% of the value for the polycarbonate present
- V. a melt index MVR (ISO 1133, 230°C/3.8 kg) of from 0.5 to 2.0 cm<sup>3</sup>/10 min.

Claim 13 (Previously Presented): A process for producing a multilayer film according to Claim 1, comprising coextruding the layers a), b) and c) to form the multilayer film.

Claim 14 (Previously Presented): The process according to Claim 13, wherein the process produces a film waste, and wherein the film waste is comminuted and directly used as backing layer c) or admixed in the melt with the material for the backing layer c), and the multilayer film composed of the melts a), b) and a melt of the backing layer c) is coextruded, and the procedure may take place two or more times, with the proviso that backing layer c) cannot comprise more than 30% by weight of the material of the layers a) and b).

Claim 15 (Previously Presented): A method of forming a substrate selected from the group consisting of exterior surfaces of household appliances, communication devices, equipment for hobbies, equipment for sports, bodywork parts and parts of bodywork parts of cars, ships or aircraft, comprising forming the substrate with the multilayer film of Claim 1.

Claim 16 (Previously Presented): A semicompatible polymer mixture comprising a (meth)acrylate copolymer and a polycarbonate, wherein a test specimen produced from the polymer mixture is not transparent but is translucent as a consequence of the

semicompatibility of the polymers, and wherein the tensile strain at break (ISO 527-2) at 100°C, calculated as a relative value, of a test specimen produced from a mixture comprising 20% by weight of (meth)acrylate copolymer and 80% by weight of polycarbonate is at least 90% of the value for the polycarbonate present.

Claim 17 (Previously Presented): A unitary moulding or a part of such a moulding, composed entirely of the semicompatible polymer mixture of Claim 16.

Claims 18-19 (Cancelled).

Claim 20 (Previously Presented): The multilayer film according to Claim 3, wherein the Vicat softening point VSP (ISO 306-B50) of the (meth)acrylate copolymers is at least 105°C.

Claim 21 (New): A multilayer film, comprising an upper layer a), and one middle layer b), and a backing layer c) wherein the multilayer film is produced by a process selected from the group consisting of lacquering, lamination and coextrusion,

wherein

- a) the upper layer consists of a light stabilizer and a first (meth)acrylate copolymer;
- b) the middle layer consists of a dye and a second (meth)acrylate copolymer; and
- c) the backing layer consists of 70-100% of polycarbonate and 0% to 30% of a composition at least one ingredient selected from the group consisting of the

first (meth)acrylate copolymer, the second (meth)acrylate copolymer, the dye,  
the light stabilizer, and combinations thereof ;

wherein the first (meth)acrylate copolymer may be the same or different from the  
second (meth)acrylate copolymer,

wherein the first (meth)acrylate copolymer and the second (meth)acrylate copolymer,  
independently of each other, consist of the following units:

- i) from 95 to 5% by weight of methyl methacrylate units and, optionally from 0  
to 40% by weight of other vinylic monomer units and
- b) from 5 to 95% by weight of esters of (meth)acrylic acid, wherein the radicals  
in the ester groups are selected from the group consisting of:

a cycloalkyl radical having from 5 to 12 carbon atoms, a multiple-alkyl-substituted  
cycloalkyl radical having from 5 to 12 carbon atoms, and combinations thereof, wherein the  
above described radicals may have bonding to the (meth)acrylic acid carboxyl radicals by  
way of alkylene groups having from 1 to 6 carbon atoms, which may also have branching, or  
oxyalkylene groups having from 2 to 4 carbon atoms,

wherein a test specimen produced from a mixture comprising 20% by weight of the  
(meth)acrylate copolymer from b) and 80% by weight of polycarbonate from c) has a tensile  
strain at break of at least 75% (ISO 527-2) at 23°C,

wherein a test specimen produced from a mixture comprising 20% by weight of the  
(meth)acrylate copolymer from a) and 80% by weight of polycarbonate from c) has a tensile  
strain at break of at least 75% (ISO 527-2) at 23°C, and

wherein the upper layer a) is the uppermost layer of the multilayer film.